

Title (en)

A motion control system comprising a network for a robot system

Title (de)

Bewegungssteuerungssystem mit einem Netzwerk für ein robotisches System

Title (fr)

Un système de contrôle de mouvement comprenant un réseau pour un système robotisé

Publication

EP 1916071 A1 20080430 (EN)

Application

EP 06122803 A 20061024

Priority

EP 06122803 A 20061024

Abstract (en)

A motion control system (21) and a robot (1) with such a motion control system (21) is described. The motion control system comprises at least one control unit (5), at least two drive units (6, 7), each comprising an associated electric motor (8, 9), and at least one first level communication network (10), which is arranged connecting the control unit (5) with the drive units (6, 7). The control unit (5) is arranged to send, on the first level communication network (10), a message (11) comprising a set of data fields grouped in a predetermined way, wherein each data field comprises control data for a particular drive unit, thus enabling each drive unit to extract control data from the data field corresponding to the drive unit and to respond to the extracted control data.

IPC 8 full level

B25J 9/16 (2006.01)

CPC (source: EP)

B25J 9/161 (2013.01)

Citation (search report)

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- [A] US 2006146776 A1 20060706 - KIM KYOUNG J [KR]
- [A] EP 1264667 A2 20021211 - COMAU SPA [IT]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

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